

KOTENEV, I.V.
KOTENEV, I.V.; KVYATKOVSKIY, V.S.

[Regulating the power and rotation speed of small hydraulic turbines]
Regulirovanie moshchnosti i skorosti vrashcheniya malykh gidroturbin.
Pod red. V.S.Kviatkovskogo. Moskva, Gos. energ. izd-vo, 1953. 55 p.
(MIRA 7:4)

(Hydraulic turbines)

KOTENEV, I.V.

Propeller-type turbine with a cylindrical casing for controlling
the flow of water and an automatic direct-acting speed-control
governor. Trudy VIGM no. 12:19-58 '50. (MERA 10:8)
(Hydraulic turbines) (Governors (Machinery))

GERSHANOVICH, D.Ye.; KOTENEV, B.N.

Oceanographic studies of the research ship "Bamchug" in the zone of
the continental slope. Okeanologiya 4 no. 1:729-731 1971.

(MIRA 37:10)

KOTENEV, B.N.

Geomorphology of the East China Sea bottom. Vest. Mosk. un.
Ser. 5:Geog. 18 no.5:60-64 S-0 '63. (MIRA 16:11)

1. Kafedra geomorfologii Moskovskogo universiteta.

MAZHAYEV, F., general-mayor; KOTENEV, A., polkovnik

The organizational and educational role of party organizations in
the headquarters of military units has increased. Komm.Vooruzh.Sil
l no.3:37-42 N '60. (MIRA 14:8)

(Russia--Army)

KOTEN, V.G.; MAMEDKLYCHEV, Kh.B.

Features of the thermal regime of the Vyshka-Krasnovodsk
petroleum pipelines. Transp. i khran. nefti i nefteprod.
no.6:16-19 '65. (MIRA 18:8)

1. Turkmenkiy filial Vsescyuznogo naftogazovogo nauchno-
issledovatel'skiy institut.

KOTEN, M.G., inzh.; RUDNITSKIY, Ya.N., inzh.; FAYERBUT'YK, A.O., inzh.;
TOMIUYKO, Yu.I., inzh.

Withdrawl and use of the gas of steel-smelting converters. Prom. energ.
19 no.11:2-6 N '64. (MIR: 18:1)

ANDON'YEV, S.M., doktor tekhn. nauk; TSELUYKO, Yu.I., inzh.; RUDNITSKIY,
Ya.N., inzh.; KOTEN, M.G., inzh.

Lead-off of converter gases without burning them in the combustion
chamber. Prom. energ. 18 no.6:17-21 Je '63. (MIRA 16:7)

(Steel—Metallurgy)

KOTELYANSKIY, E.O.

Comparative evaluation of enucleation and exenteration in
experimental intraocular tumor. Vop. onk. 11 no.2:57-62
'65. (MIRA 18:7)

1. Iz Uzhgorodskogo gosudarstvennogo universiteta (rektor: dotsent
D.B. Chepur).

KOTELYANSKIY, E.O., dotsent; YUST, L.S., vrach

Importance of a night hospital in early diagnosis of glaucoma.
Oft. zhur. 18 no. 4;245-247 '63. (MIRA 17:4)

1. Iz Uzhgorodskoy gorodskoy bol'nitsy.

KOTELYANSKIY, E.O. (Uzhgorod)

Review of V.N. Arkhangel'skii's book "Eye diseases; a manual
for district physicians." Vest. oft. 76 no.5:94-95 S-0 '63.
(MIRA 17:1)

KOTELYANSKIY, E. O. (Uzhgorod, ul. Sverdlova, 28, kv. 3)

Implantation of a Brown-Pearce tumor into the vitreous body.
Vop. onk. 8 no.3:106-107 '62. (MIRA 15:4)

1. Iz Uzhgorodskogo gosudarstvennogo universiteta (rektor -
prof. I. I. Lenarskiy)

(VITREOUS HUMOR--CANCER)
(SKIN--CANCER)

KOTELYANSKIY, E.O., dotsent

Cataract extraction. Vest.oft. no.6:29-34 '60.

1. Oblastnaya klinicheskaya bol'nitsa Uzhgoroda.
(CATARACT)

(MIRA 14:11)



KOTELYANSKIY, E.O.; NALEGATSKAYA, A.V.

"Drug handbook for the ophthalmologist" by M.L.Krasnov, N.B.
Shul'pina. Reviewed by E.O.Koteljanskii, A.V.Nalegatskaia.
Farm.i toks. 23 no.4:365-367 Jl.-Ag '60. (MIRA 14:3)
(THERAPEUTICS, OPHTHALMOLOGICAL)
(KRASNOV, M.L.) (SHUL'PINA, N.B.)

KOTELYANSKIY, E.O., dotsent; YEROKHINA, N.N., vrach

Clinical aspects and treatment of neoplasms of the limbus and
cornea. Oft. zhur. 15 no.3:134-138 '60. (MIRA 14:5)

1. Iz Uzhgorodskoy oblastnoy bol'nitsy.
(EYE--TUMORS)

KOTELYANSKIY, E. O. (Uzhgorod, ul. Sverdlova, d. 28, kv. 3)

Experimental model of a tumor of the iris. Vop. onk. 6 no.12:
53-57 '60. (MIRA 15:7)

1. Iz Uzhgorodskogo gosudarstvennogo universiteta (rektor - prof.
I. I. Lenarskiy).

(IRIS(EYE)--TUMORS)

KOTHEYANSKIY, E.O., dots.; RYABOV, K.P. (Uzhgorod)

Review of V.N. Arkhangel'skii's "Practical manual on pathohisto-
logical technics for ophthalmologists." Arkh.pat. 21 no.6:84-85
'59. (MIRA 12:12)
(HISTOLOGY, PATHOLOGICAL) (ARKHANGEL'SKII, V.N.)

KOTELYANSKIY, M.O., kand.med.nauk

Intravenous novocaine in some eye diseases. Vest. oft. 71 no.2:33-41
Mr-Ap '58.
(MIRA 11:4)

1. Uzhgorodskiy gosudarstvennyy universitet.
(PROCAINE, ther. use
eye dis., intravenous admin.)
(EYE DISEASES, ther.
procaine, intravenous admin.)

KOTEL'YANSKIY, E.O., kand. med. nauk.; PODMYSAL'SKAYA, V.S.

A case of prolonged retention of a stone splinter in the anterior chamber of the eye. Oft. zhur. 13 no. 6:359-360 '58. (MIRA 12:1)

1. Iz Uzhgorodskogo gosudarstvennogo universiteta.
(EYE--FOREIGN BODIES)

EXCERPTA MEDICA Sec 12 Vol 13/12 Ophthalmology Dec 50

1872. INTRAVENOUS INTRODUCTION OF NOVOCAIN IN CERTAIN EYE DISEASES (Russian text). - Kotelyansky E. O. - VESTN.OFTAL. 1958, 2 (33-41) Tables 11

I.v. administration of procaine is a technically simple procedure, easily carried out in hospital or out-patient departments, and is safe and free from complications. The advantage of this method over other forms of procaine administration is the relatively rapid action on the pathological process. I.v. injected procaine usually reduces and abolishes the pain syndrome and so exerts a beneficial effect on the general condition of the patient, and on the course of the pathological process. I.v. injection of procaine has a positive effect on the course of various lesions of the cornea, particularly neurotrophic keratitis, and on acute iridocyclitis; it improves the healing of wounds of the eye, creates more favourable conditions for surgery and the postoperative course, prevents inflammatory phenomena associated with ocular trauma and complications from burn injuries. Considering the positive effect of i.v. injection of procaine, the latter can be recommended as an auxiliary and additional agent in conservative and surgical treatment of diseases of the cornea, iris, ciliary body, and of ocular trauma and burns.

KOTEL'YANSKIY, E.O., kand.med.nauk

Embolism of the central artery of the retina following mitral commissurotomy. Khirurgiia 33 no.8:95 Ag '57. (MIRA 11:4)

1. Glaznoye ottdeleniye bol'nitsy g. Berdicheva (glavnnyy vrach A.N. Kotel'nikov); glaznaya klinika Uzhgorodskogo gosudarstvennogo universiteta (rektor-prof. I. Lenarskiy)
(RETINA--BLOOD SUPPLY) (EMBOLISM) (MITRAL VALVE--SURGERY)

KOTELYANSKIY, E.O.

COUNTRY : USSR
SUBJECT : Pharmacology and Toxicology. Clinical observational
Preparations. Sulfonylureas
NAME, JNR. : KOTEL'NIKOV, N.S. 1259, №. 23259

ADDRESS : Kotelyanskiy, E.O.
TITLE : Transcarpathian Oblast Clinical Hospital
TITLE : Temporary Ictropia Caused by Repeated Administration
of Sulfonylurea Preparations

ORIG. PUB. : Dr. nauchn. rabot. Salavatov. obz. klinich.
poliklin., 1957, 1, 72-75
ABSTRACT : No abstract

Card:

1/1

KOTMLYANSKIY, M.O., kandidat meditsinskikh nauk

Diathermocoagulation in tumors of the limbus and the cornea. Vest.
oft. 69 no.5:7-10 S-0 '56. (MLB 9:12)

1. Iz Glasnogo otdeleniya l-y bol'nitay g. Berdicheva.
(CORNEA, neoplasms

diathermocoagulation, in cancer of cornea & corneal limbus)
(ELECTROCOAGULATION, in various dis.
cancer of cornea & corneal limbus)

KOTELYANSKIY, E.O., kandidat meditsinskikh nauk

Perforating injury of the eye with penetration of 8 eyelashes into the anterior chamber. Vest.oft. 69 no.2:36-38 Mr-Apr '56. (MLRA 9:?)

1. Iz glaznogo otdeleniya l-oy Berdichevskoy bol'nitsy
(**EYE**, wounds and inj.
prof. with penetration of 8 eye lashes)
(**WOUNDS AND INJURIES**
eye, perf. with penetration of 8 eye lashes)

EXCERPTA MEDICA Sec.12 Vol.12/5 Ophthalmology May 58
KOTELYANSKIY, E.O.

910. THE USE OF DIATHERMY COAGULATION IN THE TREATMENT OF ANGIOMATA OF THE LIDS, CONJUNCTIVA AND SCLERA (Russian text) -
Kotelyanskiy E. O. - ZH.OFTALM. 1956, 4 (218-221)

Observations were made on 24 patients with angioma of the eyelid skin, conjunctiva and sclera who were subjected to diathermy coagulation. There were 16 patients in the age group up to 5 yr. and 8 in the age group 6-50 yr. Angiomata of the eyelid skin were present in 14 patients, of the skin of the inner and outer angles of the palpebral fissure in 5, of the scleral conjunctiva and the sclera in 5 patients. The dimensions of the angioma varied: from punctate to extensive, up to 3 cm. in length (cavernous angioma). An active electrode (needle or 'button') was used for coagulation; it was applied 4-8 times to the affected tissue for 1-2 sec. until a gray coagulate appeared. When an afferent blood vessel was found, it was coagulated at the start of the operation. In the case of eyelid lesions coagulation was performed around the angioma within limits of healthy tissue to a depth of 1-3 mm. into the s.c. cellular tissue. Treatment of eyelid angioma was undertaken in 2-3 stages, with intervals of 3-4 weeks. Following coagulation the operative site was treated with a 1% solution of brilliant green and dusted with streptomycin powder. Albucid was instilled into the conjunctival sac. In the majority of patients fine scars formed, without distortion of the eyelid. Not a single patient required plastic surgery following diathermy coagulation treatment. No recurrences of angioma occurred. The results obtained provide evidence that diathermy coagulation is a valuable method of treatment for haemangioma. (S)

KOTELYANSKIYE O.
EXCERPTA MEDICA Sec.12 Vol.11/9 Ophthalmology Sept 57

1404. KOTELYANSKIY E.O. Eye Dept., 1st Hosp., Berditcheff.* Perforating
Injury of the eye with introduction of 8 eyelashes into the
anterior chamber (Russian text) VESTN.OFTAL. 1956, 2 (36-38)
Three foreign bodies, the nature of which could not be ascertained before opera-
tion, were seen fixed into the iris after a perforating injury. Removal of the cor-
pora aliena by iridectomy showed 3 bunches of cilia, enveloped in exudate.

De Haas - Arnhem

KOTEL'YANSKIY, M.O., kandidat meditsinskikh nauk (Berdichev, ul. K.Libknekhta,
d.44, kv. 16)

Diathermocoagulation in neoplasms of the eye and of its accessory
organs. Vop.onk. 1 no.5:104-108 '55. (MIRA 10:1)

1. Iz glaznogo otdeleniya Berdichevskoy mestnyrayonnoy bol'nitsy
(glavn. vrach - A.N.Kotel'nikov)
(~~HYE~~, neoplasms,
surg., electrocoagulation)
(DIATHERMY,
electrocoagulation of cancer of eye)

KOTELYANSKIY, Ye.O.

Diathermocagulation of suppurative ulcers of the corneal membrane.
Vest. oft., Moskva 31 no. 4:25-28 July-Aug. 1952. (CLML 22:5)

1. Candidate Medical Sciences. 2. Of the Eye Division of Berdichev
Interrayon Hospital (Head Physician -- A. N. Kotel'nikov) and of the
Eye Clinic (Director -- Prof. V. N. Arkhangel'skiy, Corresponding Member
AMS USSR), Kiev Medical Institute.

KOTELYANSKIY, D.M., [deceased]

Estimates for determinants of matrices with dominant main diagonal. Izv.AN SSSR.Ser.mat. 20 no.1:137-144 Ja-F '56.
(MLRA 9:4)

1.Predstavлено академиком С.Л. Соболевым.
(Matrices)

KOTELYANSKAYA, L.I.; STRUPINSKAYA, I.A.

Characteristics of the mineral composition of the food of some
organized groups in Transcarpathia. Vop. pit. 24 no.2:85-87
Mr-Ap '65. (MIRA 18:8)

1. Kafedra analiticheskoy khimii (zav. - prof. S.T.Oriovskiy)
Uzhgorodskogo gosudarstvennogo universiteta.

KOTELYANSKAYA, L.I.

Cobalt content in food products of the vegetable and animal origin
in Transcarpathia. Vop. pit. 22 no.6:71-72 N-D '63.
(MIRA 17:7)

MESHCHENKO, V.M.; KOTELYANSKAYA, L.I.; ERIKSON, T.P.

Medicogeographical aspects of dental caries in the Transcarpathian Province. Stomatologija 42 no.4:3-9 Jl-Ag'63

(MIRA 17:4)

1. Iz sektora meditsinskoy geografii Instituta geografii Sibiri i Dal'nego Vostoka Sibirskogo otdeleniya AN SSSR i Uzhgorodskogo instituta epidemiologii, mikrobiologii i gigiyeny.

NEZHNEENKO, V.M.; KOTELYANSKAYA, L.I.; ALEKSIK, V.I.; SABOV, V.A.

Mineral substances and vitamins in the food rations of the population of Transcarpathian goiter foci. Vrach.delo no.11:61-63 N '62. (MIRA 16:2)

1. Uzhgorodskiy institut ēidemiologii, mikrobiologii i gigiyeny.
(TRANSCARPATHIA—GOITER) (MINERALS IN FOOD)
(VITAMINS)

VOLK, V.F., vrach; DUBOVYY, K.I., vrach; KOTKLYANSKAYA, K.Ye.

Organizing work for the protection of vision in the school-
children of Rovno Province. Oft. zhur. 18 no.1:50-51'63

(MIRA 17:4)

1. Iz glaznogo otdeleniya Rovenskoy oblastnoy bol'nitsy.

KOTELYANETS', V.I.; ROMANOVSKIY, V.T. [Romanovs'kyi, V.T.], red.

[Organization of transportation operations on collective
and state farms] Organizatsiya transportnykh robit u
kolhospakh i radhospakh. Kyiv, Urozhai, 1964. 50 p.
(MIRA 17:10)

KOTELYANETS, Viktor Ivanovich

[Economics of transportation in agriculture] Ekonomika
transporta v sel'skom khozaiistve. Moskva, Sel'khozizdat,
1963. 230 p. (MIRA 18:3)

KOTELYANETS, V.I. [Kotelianets', V.I.], kand. ekonom. nauk

Increase the efficiency of motortrucks on collective farms.
Mekh. sil'. hosp. 14 no.9:5-6 S '63. (MIRA 17:1)

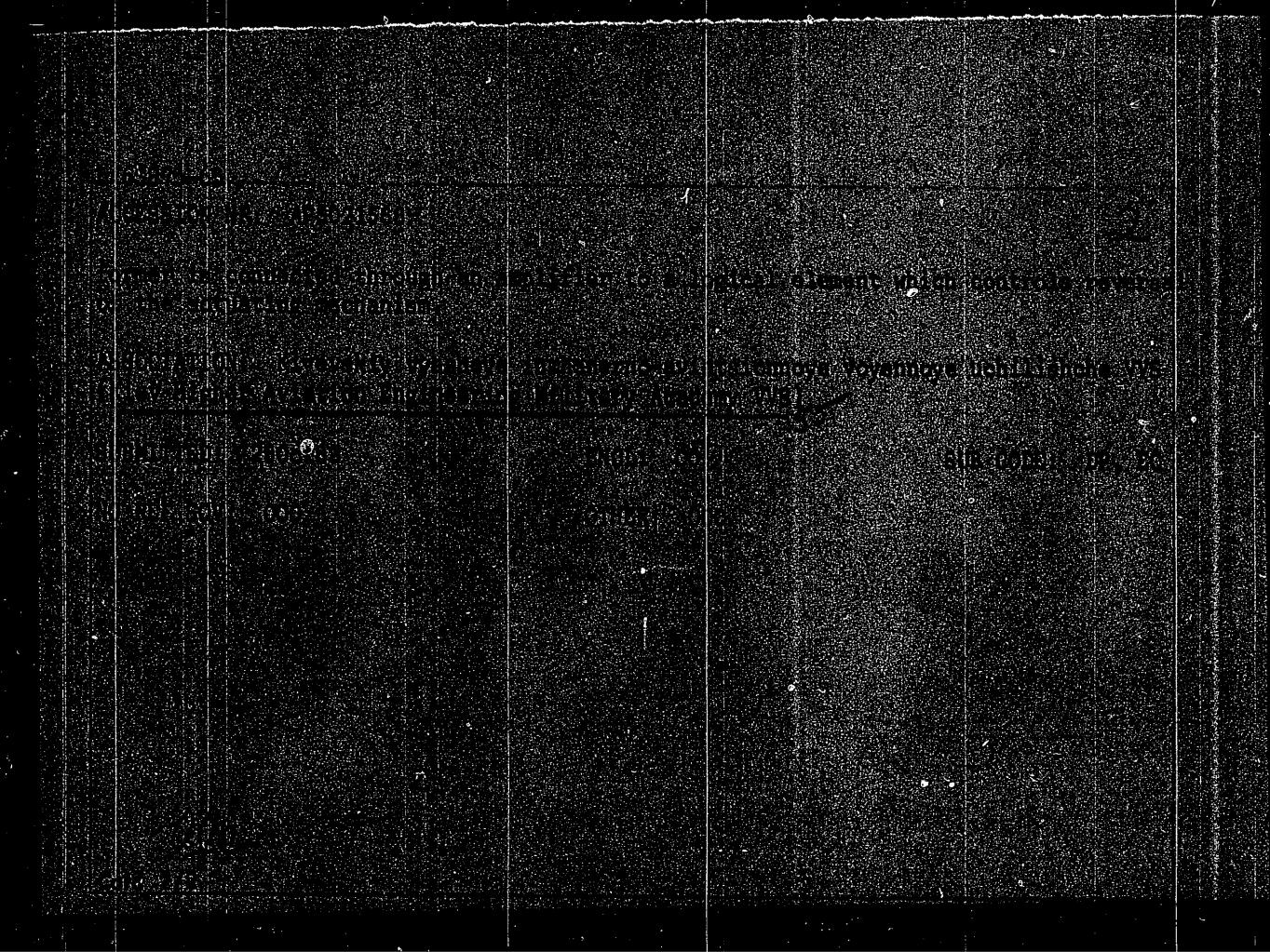
KOTELYANETS, V.I. [Kotelianets', V.I.], kand.ekonom.nauk; KREMINSKAYA, Ye.D.
[Kremyns'ka, E.D.], inzh.-mekhanik

Economic effectiveness of continuous harvesting of grain. Mekh.
sil'. hosp. 14 no.6:21-22 Je '63. (MIRA 17:3)

███████████, B.M., kand. tekhn. nauk; KOTELYANETS, V.I. [Kotelianets',
V.I.], kand. ekonom. nauk; VORONKEVICH, M.A. [Voronkevych,
M.A.], inzh.

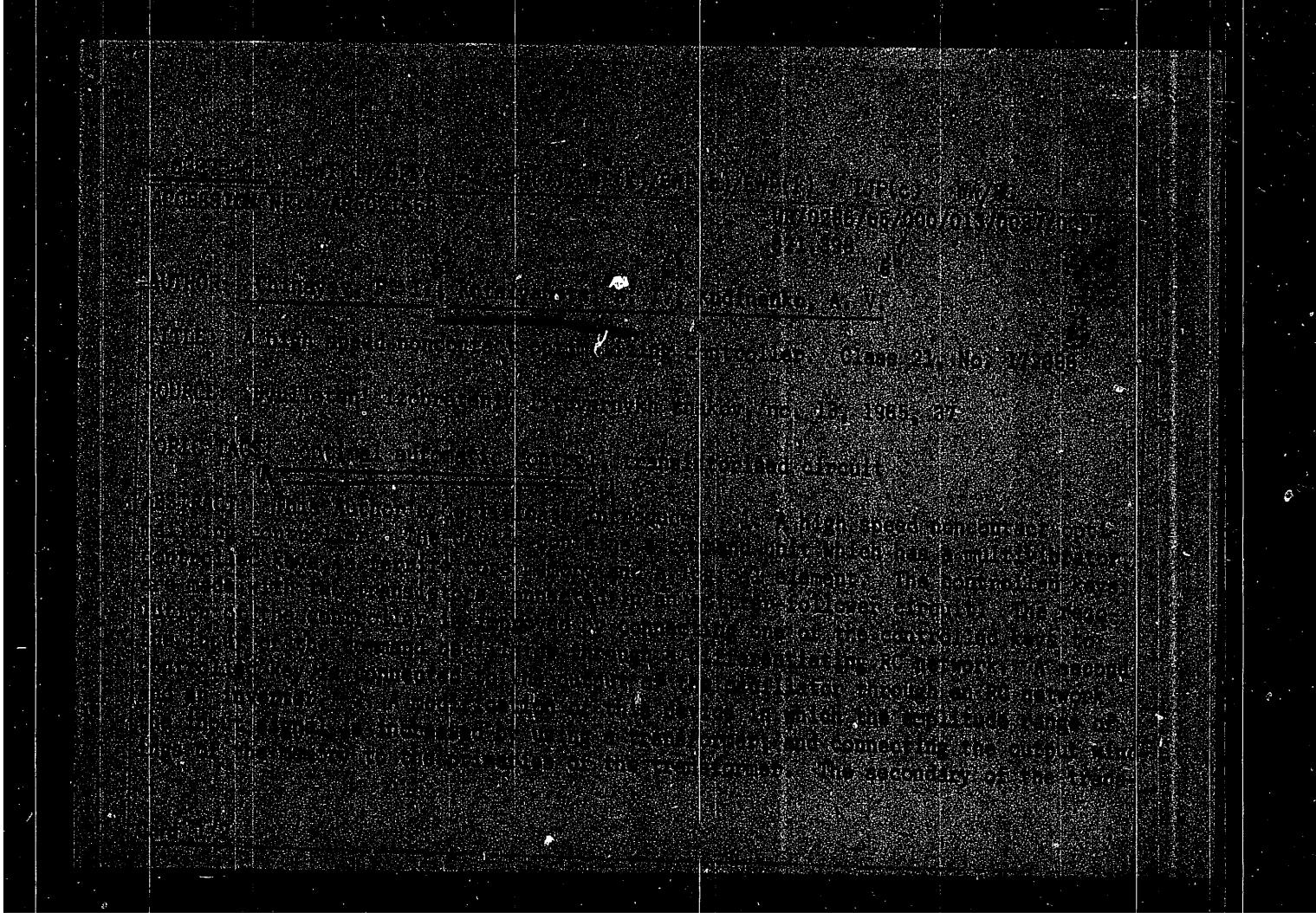
Use more efficiently machinery in drainage work. Mekh. sil'.
hosp. 12 no.12:12-14 D '61. (MIRA 17:1)

APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300012-6



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KOTELOVA, Yu. V.

"Relationships Involved in the Restoration of Motor Functions of the Upper Limbs During Occupational Therapy." Sub 2 Jan 51, Central Inst for Advanced Training of Physicians.

Dissertations presented for science and engineering degrees in Moscow during 1951.

SO: Sum. No. 460, 9 May 55

KOTELOVA, Natal'ya Vladimirovna, dots.; STEL'MAKHOVICH, Mariya
Leont'yevna, dots. Prinimala uchastiye CHEPURINA, N.Ye.,
arkhit.; KAZAKOVA, Ye.D., red.; DEYEVA, V.M., tekhn.
red.; SOKOLOVA, N.N., tekhn. red.

[Poplars and their use in landscaping] Topolia i ikh ispol'-
zovanie v zelenykh nasazhdeniakh. Moskva, Sel'khozizdat,
1963. 124 p. (MIRA 16:7)

1. Kafedra selektsii i dendrologii Moskovskogo lesotekhnicheskogo instituta (for Kotelova, Stel'makhovich).
(Poplar) (Landscape gardening)

KOTEL'NIKOVA-BUZINOVA, N.I.

Intraperitoneal injection of blood and of physiologic solution.
Pediatriia, Moskva No.1:40 Jan-Feb 51. (CLML 20:6)

1. Of Feodosiya Children's Hospital.

SOKOLOVA, A.A.; BURMISTROVA, Ye.M.; YALINNAYA, P.I.; BRODYANSKAYA, Ye.I.;
SHIRYAYEVA, K.K.; LEONOVA, V.F.; KOTEL'NIKOVA, Z.V.

Treatment of pericementitis in one visit. Stomatologiya 39 no.1:
15-17 Ja-F '60. (MIRA 14:11)

1. Iz TSentral'noy polikliniki Ministerstva vnutrennikh del SSSR
(nachal'nik M.D. Kormilitsyn).
(GUMS--DISEASES)

KOTEL'NIKOVA, Z.P.; SHUVAYEVA, Ye.P.

Dimercesprol as an antidote against hexenal. Nauch. vechy Riaz.
med. inst. 15:41-42 '62. (MTRA 17:5)

1. Kafedra farmakologii (zav. kafedroy - detsent A.A.Nikulin)
Ryazanskogo meditsinskogo instituta imeni Pavlova.

FREYDENZON, Ye.Z.; FREYDENZON, Yu.Ye.; KOTSAR', S.L.; ZATULOVSKAYA, Ye.Z.;
Prinimali uchaastiye: KAS'YANOVA, K.S.; MUDRIK, L.Ya.; TIMOFEEVA,
T.D.; KOTEL'NIKOVA, Z.G.; VOYLOSHNIKOVA, A.I.; VASEVA, R.S.;
GNATYUK, P.I.; MYKOL'NIKOV, A.A.; BURKSER, A.Ye.; PONER, D.M.;
OGORODNIKOV, G.K.

Developing an efficient shape for slab ingots. Stal' 25 no.6:
539-543 Je '65. (MIRA 18:6)

1. Nizhne-Tagil'skiy metallurgicheskiy kombinat (for Ye. Freydenzon,
Yu. Freydenzon, Kotsar', Zatulovskaya).

ZAKHAR'YANTS, Yu.Z. (Leningrad, Moskovskiy pr., 193, kv.105); KOTEL'NIKOVA,
Ye.G. (Leningrad, Narymskiy pr., 15, kv.23)

Method of analyzing the work of muscles during physical exercises.
Arkh. anat., glist. i embr. 41 no.11:106-111 N '61. (MIRA 14:11)

1. Kafedra fiziologii (zav. - prof. Ye. K. Zhukov) Gosudarstvennogo
ordena Lenina i ordena Krasnogo Znameni instituta fizicheskoy
kul'tury imeni P.F.Lesgafta.
(ELECTROMYOGRAPHY)

1. KOTEL'NIKOVA, Ye. S.
2. USSR (600)
4. Millet
7. Varieties of proso millet. Sel. i sem. 20 No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

ROZENTAL', A.S., prof.; KOTEL'NIKOVA, Ye.P., kand.med.nauk; FELD'MAN,
M.G.; ZUBKOVA, V.L.

Method of studying kidney function in nephritis in children.
Pediatriia no.10:27-32 '61. (MIRA 14:9)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN prof.
G.N. Speranskiy) TSentral'nogo instituta usovershenstvovaniya
vrachey (dir. M.D. Kovrigina).

(KIDNEYS--DISEASES) (CREATININE)

KOTEL'NIKOVA, Ye.P.; BAKLANOVA, V.F.

Cholecystography in angiocholecystitis in children. Pediatriia
38 no.2:30-35 F '60. (MIRA 13:12)
(GALL BLADDER--RADIOGRAPHY)

ROZENTAL', A.S., prof.; KOTEL'NIKOVA, Ye.P., kand.med.nauk; ZUBKOVA, V.L.

Effect of chronic tonsillitis on the course of nephritis.
Pediatriia 37 no.4:60-63 Ap '59. (MIRA 12:6)

1. Iz kafedry pediatrii (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N.Speranskiy) TSentral'nogo instituta usovershenstvovaniya vrachey (dir. V.E.Lebedeva) na baze Detskoy bol'nitsy imeni F.E.Dzerzhinskogo (glavnnyy vrach A.N.Kudryasheva).

(NEPHRITIS, in inf. & child

eff. of chronic tonsillitis on course (Rus))

(TONSILLITIS

eff. on course of nephritis in child. (Rus))

KOTEL'NIKOVA, Ye. P.; FEL'DMAN, M.G.; DERZHAVINA, T.M.

Biliary changes in chronic tonsillitis in children. Pediatriia 39
no.5:39-45 S-0 '56. (MLRA 10:1)

1. Iz kafedry detskikh bolezney (zav. - deystvitel'nyy chlen AMN SSSR prof. G.N.Speranskiy, nauchnyy rukovoditel' - prof. A.S.Rozental') TSentral'nogo instituta usovershenstvovaniya vrachey (dir. - prof. V.P.Lebedeva) i detskogo otdeleniya (zav. F.F.Malomush) Nauchno-issledovatel'skogo instituta oto-rinolaringologii (dir. - prof. V.K.Trutnev) Ministerstva zdravookhraneniya RSFSR.

(TONSILLITIS, pathology,
biliary tract (Rus))

(BILLARY TRACT, in various diseases,
tonsillitis (Rus))

KOTEL'NIKOVA, Ye.P.

Cholecystitis and gastritis in scarlet fever. Pediatriia, Moskva No.1:
40-45 Jan-Feb 52. (CLML 21:4)

1. Of the Children's Clinic of Moscow Medical Institute of the Ministry of Public Health RSFSR (Head of Staff--Honored Worker in Science Prof. A.I. Dobrokhotova) located at Children's Hospital imeni Rusakov.

KOTEL'NIKOVA, Ya.G.; ZAKHAR'YANTS, Yu.Z.

Method for a complex electromyographic and biomechanical analysis
of muscle work. Fiziol. Zhur. 46 no. 7:877-880 Jl '60.
(MIRA 13:8)

1. From the Chair of physiology of the Lesgaft Institute of
Physical Culture, Leningrad.
(MUSCLES) (ELECTROMYOGRAPHY)

POZDNYAKOV, Boris Pavlovich; KOTEL'NIKOVA, V.F., ml. nauchn.
sotr.; SMIRNOV, N.V., prof. retsenzent; NESHATAYEVA,
N.M., red.

[Sampling methods in spinning] Metody otbora prob v pria-
denii. Moskva, Legkaiia industriia, 1965. 226 p.
(MIRA 18:10)

l. Matematicheskiy institut AN SSSR (for Kotel'nikova).

L-08434-67
ACC NR: AP6030856

✓

HCl, and chromatographing the solution); (3) Ba^{II} is developed with sodium rhodizonate. The data obtained were compared with emission spectroscopy data, and a good agreement was found. Authors thank G. N. Afon'shin for recording the spectra. Orig. art. has: 1 table.

SUB CODE: II,07/ SUBM DATE: none/ OTH REF: 003

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L_08134-67 EWT(m)/EWP(j)/EWP(t)/ETI IJP(c) JD/WW/RM
ACC NR: AF6030856 SOURCE CODE: UR/0191/66/000/009/0054/0055
(A,N)

AUTHOR: Kotel'nikova, T. B.; Lazaris, A. Ya.; Poropletchikova, Ye. M.

ORG: none

TITLE: Qualitative analysis of metals in polymer compositions

SOURCE: Plastichoskiye massy, no. 9, 1966, 54-55

TOPIC TAGS: qualitative analysis, metal analysis, polyvinyl chloride

ABSTRACT: Metals may be present in articles made of polymers and in polymer compositions as ingredients of stabilizers, admixtures, and impurities. A method was developed for a qualitative analysis of metals and silicon in polymers. The separation of the total cations involves the use of hydrogen sulfide and final identification of the cations in groups by paper chromatography. The method does not require any complex apparatus and makes it possible to work with small amounts of material. It was checked by analyzing polyvinyl chloride compositions and finished articles. In the analysis, the polymer is burned up, and the ash is dissolved in HCl either immediately or after fusion with carbonates. If the sample contains silicon, the latter is separated, and the total cations are separated by means of H₂S. As compared to the usual procedure, the following improvements were made in the chromatographic analysis: (1) analysis for titanium is performed; (2) Cd^{II} and Po^{II} are separated with a new solvent system (boiling with aqua regia, evaporating to dryness, extracting the residue with

UDC: 678.743.22.01:543.061:546.1

Card 1/2

SOV/137-59-3-7030

An Investigation of Quenching of Steel 20KhN3A Directly After Carburizing

is followed by tempering at 650° (two hours) which, in turn, is again followed by cooling in air. Finally, oil Q from a temperature of 800°. Final tempering for all types of treatment involves immersion in oil at a temperature of 200° for a period of one hour. An analysis of mechanical properties obtained by the procedures indicated demonstrates that the method of direct Q immediately after C can not be recommended for components made of steel 20KhN3A. The optimal conditions involve cooling of the carburized components in air followed by standard oil Q from 780-800° and tempering at 200°. Bibliography: 13 references.

A. B.

Card 2/2

SOV/137-59-3-7030

Translation from: Referativnyy zhurnal. Metallurgiya, 1959, Nr 3, p 300 (USSR)

AUTHORS: Sokolov, K. N., Perminov, P. P., Kotel'nikova, R. I.

TITLE: An Investigation of Quenching of Steel 20KhN3A Directly After Carburizing (Issledovaniye neposredstvennoy zakalki stali 20KhN3A posle tsementatsii)

PERIODICAL: Tr. Ural'skogo politekhn. in-ta, 1958, Nr 68, pp 158-168

ABSTRACT: The following seven methods of post-carburizing (C) treatment of specimens made of steel 20KhN3A were investigated: 1) Standard oil quenching (Q) from 800°C. 1-a) Standard Q in conjunction with low-temperature treatment; after Q, the specimens were maintained at a temperature of -195° for a period of one hour. 2) Direct oil Q immediately after C. 2-a) Direct oil Q followed by a one-hour period of low-temperature soaking at -195°. 3) Direct oil Q in conjunction with preliminary cooling to 780° for a period of one hour. 4) Direct step-wise Q at a temperature of 2000° for a period of 30 minutes followed by cooling in oil. 5) Direct isothermal transformation at the first stage (at 600°; soaking time: three hours) with subsequent oil Q from 800°. 7) Preliminary high tempering. C and cooling in air

Card 1/2

Experience of a Plant (Cont.)

355

for determining and controlling the quality of heat treatment. There are 4 Soviet references

Khlopotova, N. I. Heat Treatment and Quality-control Methods for Castings Made of 32Kh06L Steel

70

The author concludes that the most favorable combination of strength and plastic properties of 32Kh06L steel is obtained by hardening at 880° C. with subsequent water quenching.

Kotel'nikova, R. I. Hydrogen Embrittlement in Springs and Ways of Preventing it

76

The author investigates hydrogen embrittlement caused by pickling and electro-galvanizing. She states that in the first case embrittlement can be prevented by using "ChM" additive consisting of a foaming agent and a solvent in the pickling solution. In the second case it can be eliminated by tempering at 150-200° C.

Card 4/5

KOTELNIKOVA, R. I.
KOTELNIKOVA, R. I., and SAGARADZE, V. S.

"Properties of G13 Manganese Steel as Determined by Chemical Composition
and Heat Treatment," *p. 54*

Experience of a Plant Metallurgical Laboratory, Collection of Articles
Moscow, Mashgiz, 1957, 82pp. (SAGARADZE, V. S., ED.)

As a result of the author's investigations: (1) optimum conditions for heat treating parts made of G13L steel were established (2) a method for quality control was proposed (3) the effect of various elements on the properties of this steel was determined, and (4) a table of microstructures was developed for determining and controlling the quality of heat treatment. There are 4 Soviet references.

VYALOV, A.M.; BAGNOVA, M.D.; KUBLANOVA, P.S.; PUSHKINA, N.N.; BULYCHEV, G.V.;
BYLOV, I.S.; GENKIN, A.G.; KOTEL'NIKOVA, M.P.; SKLYANSKAYA, V.S.

Changes in the health of workers engaged in the production of
synthetic fatty acids. Uch.zap. Mosk.nauch.-issl. inst. san.
i gig. no. 9:50-54 '61 (MIRA 16:11)

*

SMIRNOV, V.G., prof.; KOTEL'NIKOVA, L.K.

Transpollination of plants grown from seeds produced under various conditions as a method of increasing the productivity and improving the grain quality of Vyatka rye. Agrobiologija no.4:513-517 Jl-Ag '64.
(MIRA 17:12)

1. Kirovskiy sel'skokhozyaystvennyy institut.

RADKEVICH, R.O.; KLINTSOVA, A.P.; KOTEL'NIKOVA, L.D.

Geochemistry of sphalerites of the Sadon deposit (Northern Caucasus).
(MIRA 16:7)
Geokhimiia no.5:460-469 My '63.

1. Vernadskiy Institute of Geochemistry and Analytical Chemistry.
Academy of Sciences, U.S.S.R., Moscow.
(Sadon Region—Sphalerite)

KERNES, I.Ya.; KOTEL'NIKOVA, L.A.; LEMAN, T.R.; SHTUTINA, A.M.;
KINKUL'KIN, A.T., retsenzent; KOLOSKOVA, P.P., retsenzent;
SEmenkov, V.N., retsenzent; ITKIN, M.L., red.; MASONOV, Yu.I.,
red.; ZELENTSOVA, Ye.I., tekhn. red.

[Sociology; recommended list of literature for the aid of
the teacher] Obshchestvovedenie; rekomendatel'nyi ukazatel'
literatury v pomoshch' uchitelju. Moskva, Izd-vo Vsesoiuz-
noi knizhnoi palaty, 1963. 145 p. (MIRA 16:3)

1. Moscow. Gosudarstvennaya publichnaya istoricheskaya biblio-
lioteka. 2. Nauchno-bibliograficheskiy otdel Gosudarstvennoy
publichnoy istoricheskoy biblioteki (for Kernes, Kotel'nikova,
Leman, Shtutina). 3. Zavedyushchiy sektorom obucheniya
istorii Instituta obshchego i politekhnicheskogo obrazovaniya
Akademii pedagogicheskikh nauk RSFSR (for Kinkul'kin). 4. Uchi-
tel' sredney shkoly No.204 Timiryazevskogo rayona Moskvy (for
Koloskova). 5. Starshiy inspektor Upravleniya prepodavaniya
obshchestvennykh nauk Ministerstva vysshego i srednego spe-
tsial'nogo obrazovaniya SSSR (for Semenkov).
; (Bibliography--Sociology)

KOTEL'NIKOVA, Lyudmila Aleksandrovna

Pathological Anatomy and Pathogeny Pneumonia of Prematurely Born
Babies

Dissertation for candidate of Medical Science degree, Chair of Pathological
Anatomy (head, Prof. A.M. Antonov) Saratov Medical Institute, 1951

KOTEL'NIKOVA, L.A.
Category : USSR/Optics - Optical methods of analysis Instruments K-7

Abs Jour : Ref Zhur - Fizika, No 1, 1957 No 2520

Author : Rivkina, M. A., Pisarev, V. D., Kornilov, A. V., Kostrova, Z. P.,
Kotel'nikova, L. A., Levchenko, M. P.

Inst : Novosibirsk Inst. of Railroad Transport Engineers and Novosibirsk Tin
Plant, USSR

Title : Spectral Analysis of Tin

Orig Pub : Zavod. laboratoriya, 1955, 21, No 9, 1031-1083

Abstract : Description of a method for the spectral analysis of tin of various
grades with impurities of Cu, Pb, As, Sb, Bi, and Fe. Standard samples
for the determination of Bi, Pb, Sb, and Cu were obtained by diluting
the dual alloys (one of these elements and tin) in pure tin. Standards
for As and Fe were prepared separately. A description of the analysis
procedure is given. The mean arithmetic error in the determination
of the impurities in the tin does not exceed $\pm 7\text{--}9\%$. The analysis of
a single sample for six elements lasts 50-60 minutes.

Cards : 1/1

RYSS, M.A.; DMITRIYEVA, G.V.; SMIRNOVA, A.S.; Prinimali uchastiyе:
RUKAVISHNIKOVA, V.V.; KOTEL'NIKOVA, I.A.; ZHIVYKH, T.I.; BAZHENOV, A.N.;
MEL'NIKOV, A.V.

Ways of improving the performance characteristics of electrodes
for steel smelting furnaces. Stal' 25 no.5:423-425 My '65.
(MIRA 18:6)

RYSS, M.A.; DMITRIYEVA, G.V.; SMIRNOVA, A.S.; Prinimali uchastiye:
RUKAVISHNIKOVA, V.V.; KOTEL'NIKOVA, I.A.; ZHIVYKH, T.I.;
BAZHENOV, A.N.; MEL'NIKOV, A.V.

Ways of improving the performance characteristics of electrodes
for steel smelting furnaces. Stal' 25 no.5:423-425 My '65.
(MIRA 18:6)

MUDRYY, I.V.; BODNAR', P.P.; AGISHEV, A.P.; SAYFIYEVA, M.M.; KOTEL'NIKOVA, G.Z.

Resources and utilization of petroleum (casinghead) gas from the
oil fields of the eastern Ukraine. Gaz. delo no.8:42-44 '64.

(MIRA 17:9)

1. Ukrainskiy filial Vsesoyuznogo nauchno-issledovatel'skogo
instituta prirodnogo gaza.

L 36074-66 EWT(m)/EWP(t)/ETI IJP(c) JD/JG
ACC NR: AT6015891 SOURCE CODE: UR/3158/65/000/030/0002/0018

AUTHOR: Sal'nikov, O. A.; Fetisov, N. I.; Lovchikova, G. N.; Kotel'nikova, G. V.;
Anufriyenko, V. B.; Devkin, B. V.

ORG: Physico-energetic Institute (Fiziko-energeticheskiy institut)

TITLE: Nuclear level density and spectral distribution of inelastically scattered neutrons of 14.1 Mev initial energy

SOURCE: *Obninsk, Fiziko-energeticheskiy institut. Doklady, FEI-30, 1965. Spektry neuprugogo rasseyannyykh neytronov s nachal'noy energiyey 14, 1 Mev i plotnost' yadernykh urovney, 2-18

TOPIC TAGS: neutron scattering, nuclear energy level, neutron spectrum, excitation energy, Fermi gas

ABSTRACT: The purpose of this work is to obtain a better representation of the functional dependence of the temperature of nuclei and the nuclear level density parameters on the mass number A , the reaction (n,n') and the neutron spectrum in the reaction $(n,2n)$. The measured values of the nuclear level density parameters a , a' and a'' are presented in tabular form. In addition, a table gives the calculated values of the temperature T_N and T_1 , according to the Fermi model of the nucleus. The spectra of the secondary neutrons in the reaction $(n,2n)$ were calculated using the equation

Card 1/2

ANUFRIYENKO, V.B.; DEVKIN, B.V.; KOTEI'NIKOVA, G.V.; KULABUKHOV, Yu.S.;
LOVCHIKOVA, G.N.; SAL'NIKOV, O.A.; TIMOKHIN, L.A.; TRUBNIKOV, V.R.;
FETISOV, N.I.

Inelastic scattering of 14 Mev. neutrons and the nuclear level
density. IAd. fiz. 2 no.5:826-838 N '65.

(MIRA 18:12)

Effect of wax-like.....

S/138/62/000/003/005/006
A051/A126

that in the presence of these substances the number of cracks are reduced, especially within the range of deformations greater than the critical value. It is experimentally concluded that waxes increase the time prior to the appearance of cracks under all deformations; the time prior to tear increases in the range of 20 - 40% deformations and decreases within the deformation range higher than these values. The anti-ozone aging agents increase the time prior to the appearance of cracks and the time when the tear occurs under all deformations, but their protective effectiveness decreases with an increase of the deformation. The τ_i/σ_t relation increases with the introduction of protective substances into the vulcanizate. The exception is that case where neozone D is introduced into nairite rubber. When protective substances are introduced in quantities of 5 to 100 w.p. of rubber, the relation $\tau_i - \sigma_t$ becomes monotonous. There are five figures, 1 table and 7 references: 5 Soviet-bloc and 2 non-Soviet-bloc. The reference to the most recent English-language publication reads as follows:
4) H.A. Vodden, M.A., Wilson, Trans.Inst.Rubb.Ind., 35, 82 (1959).

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti
(Scientific Research Institute of the Rubber Industry).

Card 2/2

15.93⁰

AUTHORS:

Zuyev, Yu.S., Pravednikova, S.I., Kotelnikova, G.V.

TITLE:

Effect of wax-like substances and anti-ozone aging media on the rubber resistance to ozone cracking

PERIODICAL: Kauchuk i rezina, no. 3, 1962, 21 - 24

TEXT: An evaluation is given of the rubber resistance to ozone cracking, when certain protective substances (waxes and anti-ozone aging media) are included in the composition. The time factor prior to the appearance of cracks τ_1 and that of tear τ_t at various deformations are used as criteria. The effects of paraffin, ceresin and anti-lux were investigated for rubbers of NR, CKC-30 (SKS-30) and CKH-40 (SKN-40), under conditions of static deformation. The values are given of the τ_1/τ_t relation to the values of deformation in NR vulcanizates with 30 weight parts of channel carbon black, in the presence of ceresin and without it. The results show that the waxes increase the τ_1 in all deformations. The disappearance of $\tau_{\text{crit.}}$ (critical deformation), and the occurrence of an unchanging relation $\tau_t - \varepsilon$, when 5 w.p. of various waxes or anti-ozone aging agents are introduced into the SKS-30 and NR mixtures, is explained by the fact

Card 1/2

The effect of fillers and softeners on...

3/138/61/000/011/004/007
A051/A136

Chem., 38, no. 3, 850 (1946); Van Pul, Trans. IRL, 34, no. 3, 37 (1958). D. S. Thompson, R. H. Baker, R. W. Brownlow, Rubb. Chem. Technol., 25, 949 (1952).

ASSOCIATION: Nauchno-issledovatel'skiy institut rezinovoy promyshlennosti (Scientific Research Institute of the Rubber Industry)

✓

Card 3/3

The effect of fillers and softeners on...

S/138/61/000/011/004/007
A051/A126

in the presence of fillers and softeners. The nature of the relation $T_u - \varepsilon$ does not vary to any great extent, and the relation $T_p - \varepsilon$ is one of fluctuation. (where ε is the deformation, ε_{cr} - critical deformation). The active fillers in rubbers based on non-polar rubbers (NR) shift the $\varepsilon_{critical}$ towards the greater deformations, and in rubbers based on polar raw material, they have a weak effect (SKN-40), or have no effect at all (nairite) on the ε_{cr} . The non-active fillers (chalk) do not effect the ε_{cr} . The softener shifts the ε_{cr} in polar-based rubbers towards the lower deformation. In two-fold deformation, orientation is developed to a lesser degree than in the case of a single deformation, and the range ε_{cr} disappears almost entirely. The ratio T_u/T_p (conditional, since it depends on the thickness of the sample), for samples of equal thickness depends only very slightly on temperature and concentration of the oxons. This ratio also changes very slightly in the presence of fillers and softeners, whereby in these cases T_u is much smaller than T_p for the investigated thicknesses. It is assumed that the active fillers sharply increase the inter-molecular activity in the non-polar rubbers, and only slightly in the polar ones. There are 8 figures, 2 tables, and 10 references; 7 Soviet-bloc and 3 non-Soviet-bloc. The references to the 3 most recent English-language publications read as follows: J. Crabtree, A. H. Kamp, Ind. Eng.

Card 2/3

S/138/61/000/011/004/007
A051/A126

AUTHORS: Zuyev, Yu. S., Pravednikova, S. I., Kotelnikova, G. V.

TITLE: The effect of fillers and softeners on the rubber resistance to ozone cracking at various deformations

PERIODICAL: Kauchuk i rezina, no. 11, 1961, 15 - 21

TEXT: An investigation was made of the effect of active and non-active fillers (channel black, silica gel, chalk) on the ozone cracking resistance of rubbers based on NR, CKB (SKB), CKC-30 (SKS-30), CKH-40 (SKN-40) and nairite. The effect of the softener (dibutylphthalate) was also investigated in rubbers based on SKN-40 and nairite. It was found that fillers and softeners, under conditions of equal deformations decrease the τ_u and τ_p of the rubbers, the more so, the higher their dosage. (τ_u - length of time till appearance of ozone cracking, τ_p - length of time prior to destruction). In conditions of equal tensions with an increase in the dosage of the active filler, τ_u and τ_p increase in the range of low tensions and τ_p decreases at high tensions. An increase in the dosage of the non-active filler (chalk) decreases the τ_p in the range of tensions from 5 to 25 kg/cm². τ_u is much less than τ_p for the investigated thicknesses of the samples

Card 1/3

G V KOTEL'NIKOVA and A A SAMOYLOVA

"Development and Manufacture of a Prototype of an Instrument for
Measuring the Temperature Dependence of Dielectric Losses of Ceramics in the Ten-
Centimeter Band" from Annotations of Works Completed in 1955 at the State Union
Sci. Res. Inst. Min. of Radio Engineering Ind.

So: B-3,080,964

KOTEL'NIKOVA, G.P.; SHANINA, V.A.; MILAYEVA, L.V.

Importance of electrokymography in rheumocarditis. Vop. revm.
3 no.4:79-86 O-D '63. (MIRA 17:2)

1. Iz otdeleniya funktsional'noy diagnostiki (zav. - kand. med. nauk V.F. Sysoyev), otdeleniya rentgenologii (zav. - prof. V.V. Zodiyev) i revmatologicheskogo otdeleniya kliniki (zav. - Deystviteльnyy chlen AMN SSSR prof. A.I. Nesterov) Nauchno-issledovatel'skogo instituta revmatizma AMN SSSR.

SHANINA, V.A.; KOLOBUTINA, O.M.; KOTEL'NIKOVA, G.P.

Roentgenelectrokymographic examination in cardiac aneurysms;
preliminary report. Kardilogia 2 no.3:44-51 My-Je '62.

(MIRA 16:4)

1. Iz rentgenologicheskogo otdeleniya i otdeleniya funktsional'noy
diagnostiki (zav. V.F.Sysoyev) Gosudarstvennogo nauchno-
issledovatel'skogo instituta revmatizma (dir. - prof. A.I.Nesterov)
i kafedry propedevtiki vnutrennikh bolezney (zav. prof. A.M.Damir)
II Moskovskogo meditsinskogo instituta imeni N.I.Pirogova.
(ANEURYSMS) (HEART--EXAMINATION) (KYMOGRAPHY)

SHANINA, V.A.; KOLOBUTINA, O.M.; KOTEL'NIKOVA, G.P. (Moskva)

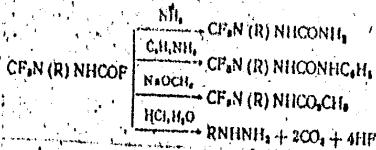
Comparative evaluation of roentgenokymographic and electrokymographic methods in the diagnosis of cardiac aneurysm. Klin.med. 39 no.4:48-55 '61. (MIRA 14:3)

1. Iz rentgenologicheskogo otdeleniya i otdeleniya funktsional'-noy diagnostiki (zav. V.F. Syscnev) Gosudarstvennogo nauchno-issledovatel'skogo instituta revmatizma (dir. - prof. A.I. Nesterov) i kafedry propedevtiki vnutrennikh bolezney (zav. - prof. A.M. Damir) II Moskovskogo meditsinskogo instituta imeni N.I. Pirogova.

(HEART--RADIOGRAPHY) (ANEURYSMS) (ELECTROKIMOGRAPHY)

Heterolytic transformations of... 32839
S/020/62/142/002/020/029
B106/B101

polyfluoro alkyl-(aryl)-hydrazine carboxylic acids $\text{CF}_3\text{N}(\text{R})\text{NHCOF}$, from which a number of further derivatives was obtained:



There are 1 table and 3 references; 2 Soviet and 1 non-Soviet.

PRESENTED June 1, 1961, by I. L. Khunyants, Academician, and M. I. Kabachnik, Academician

SUBMITTED: June 1, 1961

Table 1. Compounds synthesized for the first time.
Legend: (a) compound; (b) boiling point; (c) melting point; (d) does not melt below 300°C.

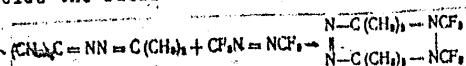
Card 5/1

32839

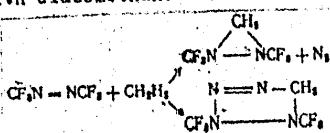
S/020/62/142/002/020/029
B106/B101

Heterolytic transformations of...

conditions (cooling with dry ice). On heating, the adduct decomposes to nitrogen, tetrafluoro ethylene, diethyl ether, ethyl fluoride, diethyl fluoro phosphite, and diethyl ethene phosphonate. In analogy to azodicarboxylic acid esters, hexafluorazo methane with dienes readily yields the Diels-Alder addition, reacts with azines according to the scheme:



and with diazomethane as follows:



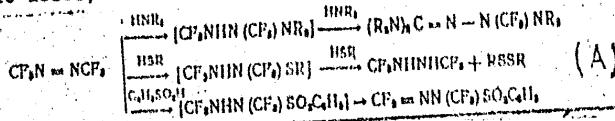
Hexafluorazo methane reacts smoothly with organo-magnesium compounds at low temperatures and forms the hitherto unknown acid fluorides of

Card 4/8

32839
S/020/62/142/602/020/029
D106/B101

Heterolytic transformations of...

fluorinated azo compounds are particularly sensitive to nucleophilic reagents. The reaction rate with amines grows with the amine basicity, and the reactivity in azo compounds of the type $\text{CF}_3\text{N}=\text{NR}$ drops in the sequence $\text{R}=\text{CF}_3 > \text{CF}_2\text{H} > \text{CH}_3$. With secondary amines, mercaptans, and sulfinic acids, the azo compounds react as follows:



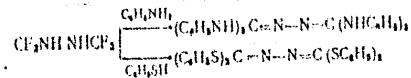
These conversions probably begin with the formation of a transition complex of the type of a π -complex, e.g., $\text{CF}_3\ddot{\text{N}}-\text{NCF}_3$. This assumption

is backed by the fact that the transition complex, in the reaction of hexafluorazo methane with trialkyl phosphites, can be isolated under mild conditions.

Card 345

32039
S/020/62/142/002/020/029
B106/B101

Heterolytic transformations of...



Hexafluoro hydrazomethane reacts with aluminum chloride to form the dimer of tetrafluoro formazine, and, if oxidized in anhydrous media ($\text{KMnO}_4 + \text{CH}_3\text{COOH}$), it passes over to the intensively yellow cis-form of hexafluorazo methane, which readily takes the almost colorless trans-form under the action of light, alkali lyes, or metals. In the reduction of azoalkanes which contain the groups CF_2Cl or R_fCF_2 , the corresponding.

hydrazo compounds cannot be isolated, due to hydrolysis. The compound $\text{CF}_3\text{NNHNHC}_6\text{H}_5$ can be distilled in vacuo (b.p. 56°C/1 mm Hg), and passes over to indazole under the action of hydrogen iodide. Under the action of strong acids, the azo group of polyfluorazo alkanes is able to add one proton which, in the case of asymmetric azoalkanes, is added to the nitrogen atom adjoining the more electronegative substituent. These reactions take place most readily in anhydrous hydrofluoric acid, whereby polyfluorazo alkanes are dimerized into benzidine derivatives. Poly-

Card 2/3

KOTEL'NIKOVA, G. P.

5

S-3610 2209

32839

S/020/62/142/002/020/029
B106/B101

11.2214

AUTHORS: Ginsburg, V. A., Yakubovich, A. Yu., Filatov, A. S., Zelenina,
G. Ye., Makarov, S. P., Shpanskiy, V. A., Kotel'nikova, G.
P., Sengiyenko, L. F., and Martynova, L. L.

TITLE: Heterolytic transformations of polyfluorinated azoalkanes

PERIODICAL: Akademiya nauk SSSR. Doklady, v. 142, no. 2, 1962, 354-357

TEXT: A number of heterolytic transformations of polyfluorinated azo-alkanes was discovered for the first time. The said azoalkanes, while being highly resistant to oxidizing agents, easily react with reducers (HI , H_2S , H_3P) in polar media (ether, methanol) at low temperatures, whereby the azo group is converted into the hydrazo group. Hexafluoro-hydrazomethane presents acid properties and is relatively stable in the solvate form in ether or acetone. The etherate reacts with ketone, and the normal diacyl derivative is formed as a result. Hydrogen fluoride is readily separated from hexafluoro hydrazomethane under the action of bases:

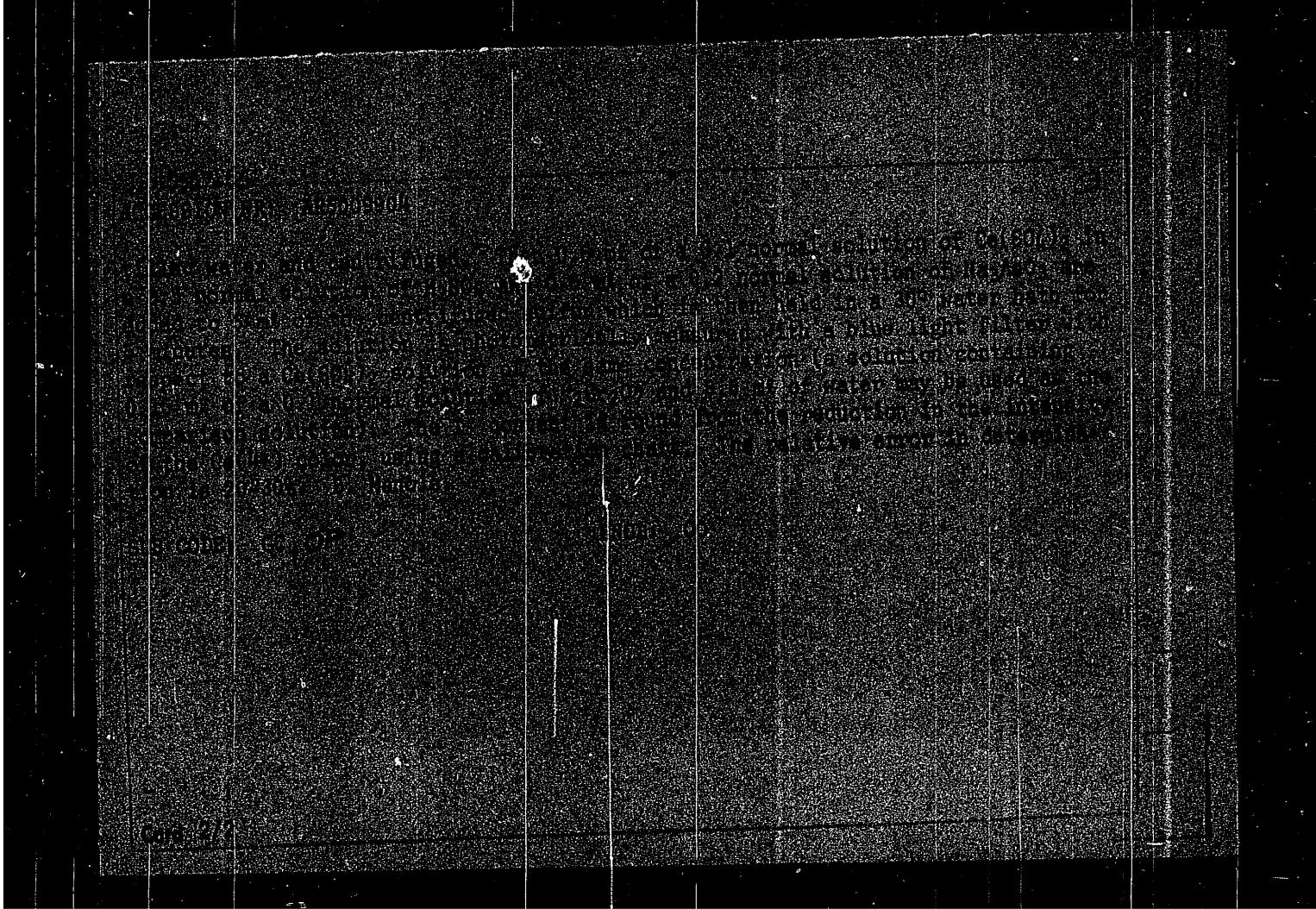
Card 1/5

SYUTKINA, K.A.; KOTEL'NIKOVA, G.M.

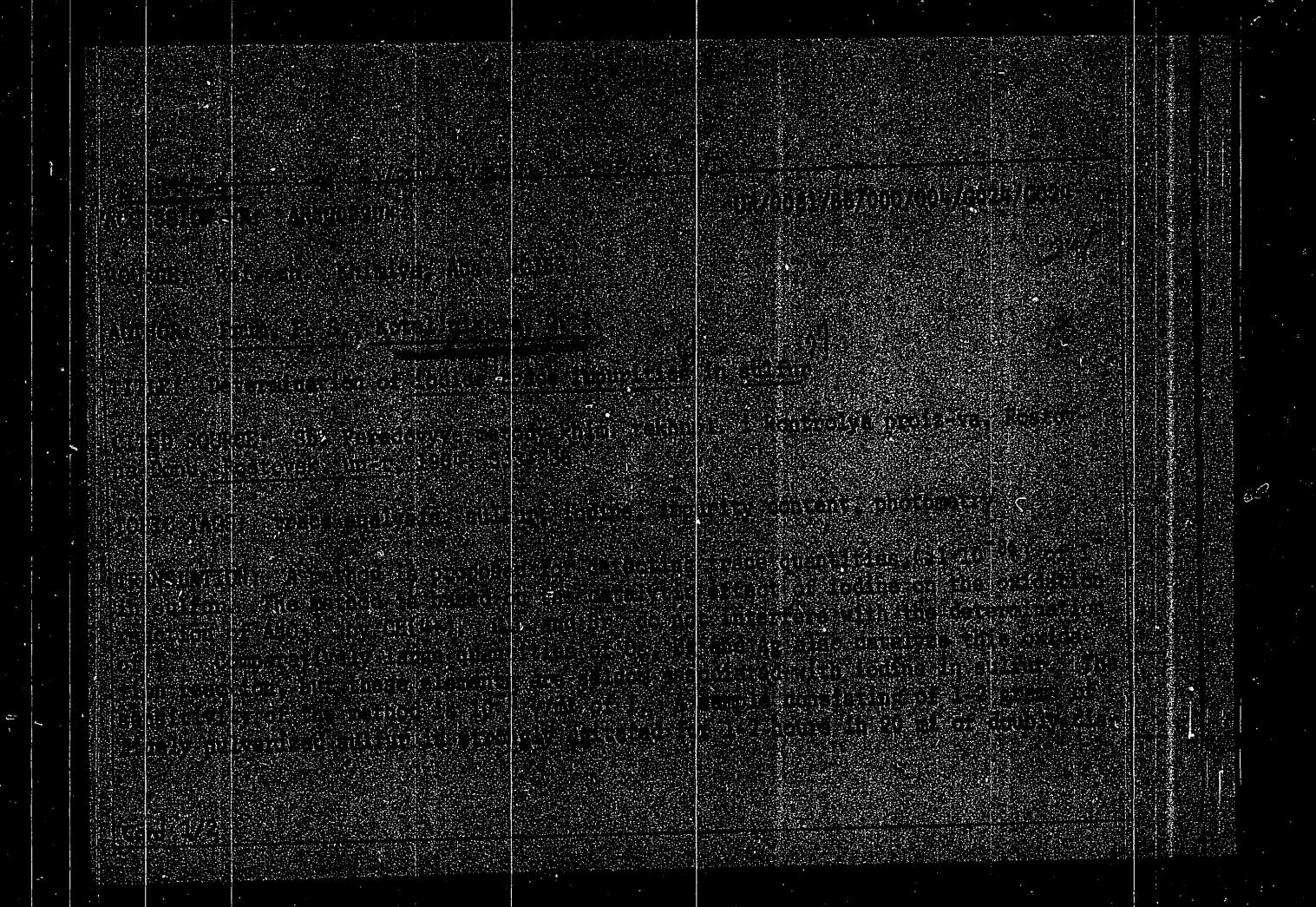
Bloodsucking Diptera in the area of the railroad construction
between Ivdel' and Ob' (northern Transuralia). Zool. zhur. 44
no.1:60-66 '65. (MIRA 18:4)

1. Sverdlovskiy meditsinskiy institut.

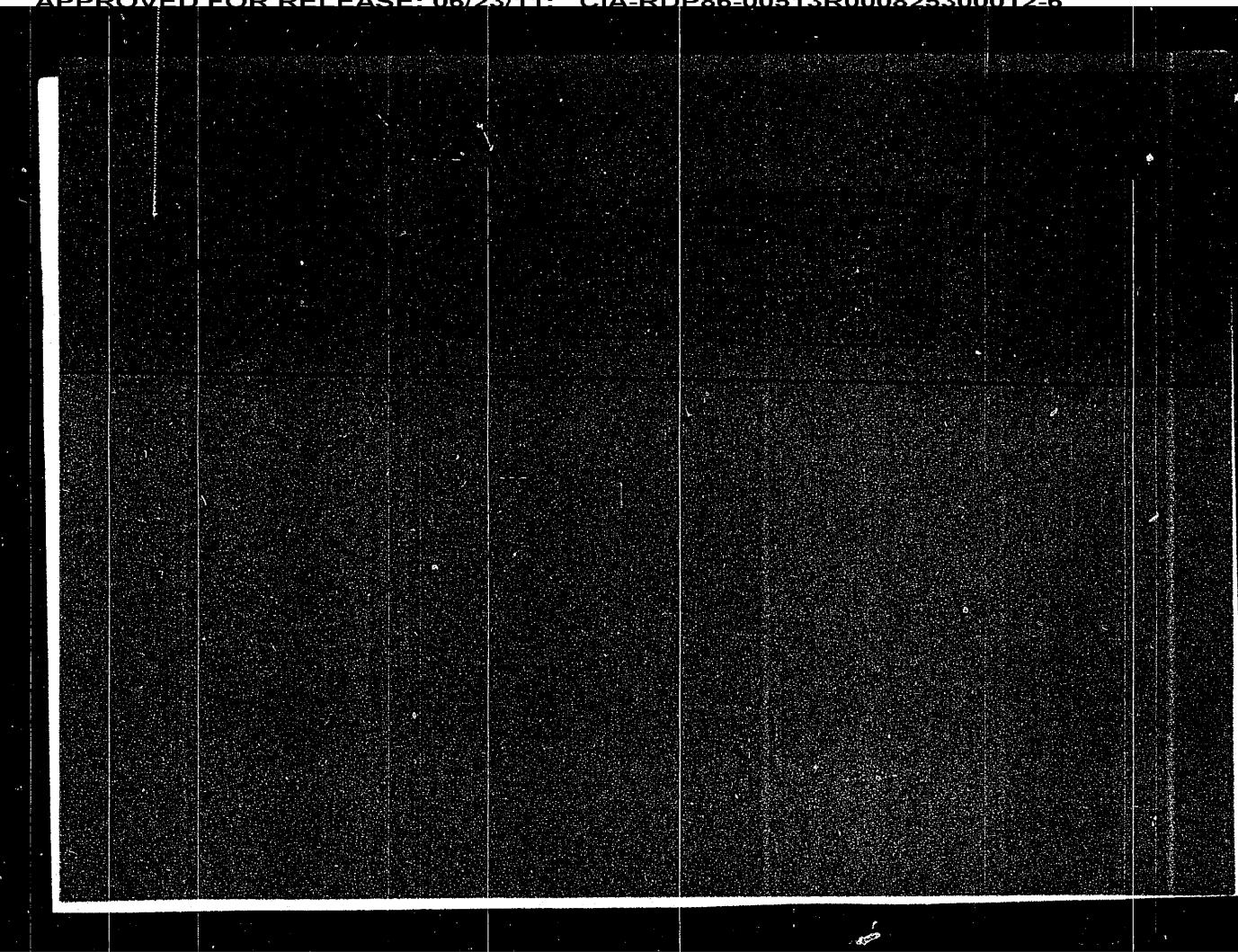
APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300012-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300012-6



APPROVED FOR RELEASE: 06/23/11: CIA-RDP86-00513R000825300012-6



KOTELNIKOVA, E. P.; FELDMAN, M.G.; DMRZAVINA, T.M. (Moskva)

Changes of the biliary tract caused by chronic tonsillitis in children.
Cesk. pediat. 11 no.1:3-9 Feb 56.

1. Z katedry detskych nemoci (predn. prof. G. N. Speransky, radny
clen AMN; profesor katedry: prof. A.S. Rosental), z Ustredniho
ustavu doskolovali lekaru (red. prof. V.P. Lebedeva) a z detskeho
oddeleni (predn. F. F. Malomuz) Statniho vedeckovyzkumneho ustavu
ORL Min. zdravotnictvi RSFSR (red. prof. V.K. Trutnev)

(TONSILLITIS, in inf. and child
chronic, causing changes of biliary tract)

(BILIARY TRACT, in various dis.
tonsillitis, chronic, in child)

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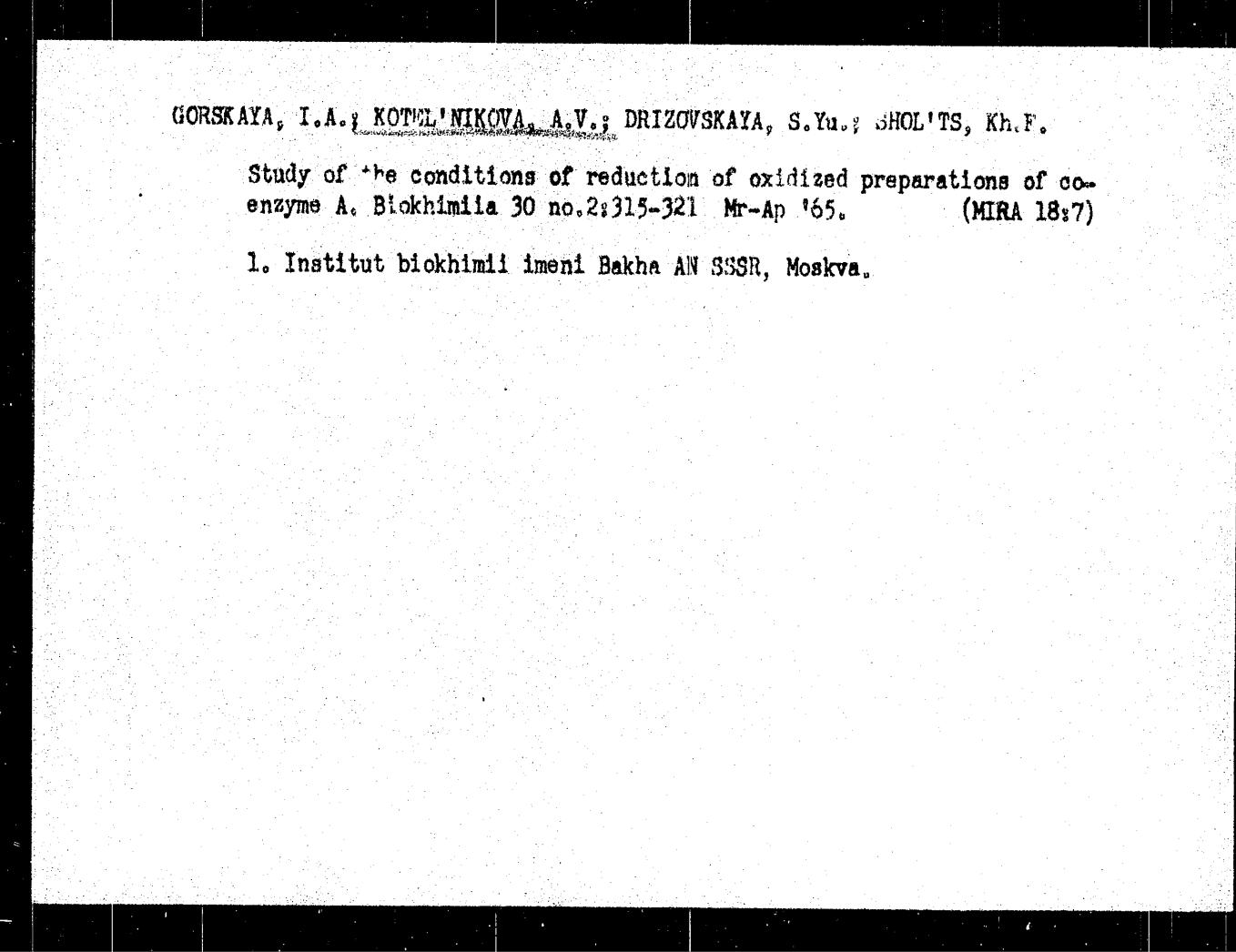
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KOTEL'NIKOVA, A.V.; ZVYAGIL'SKAYA, R.A.

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